## ACTA MATHEMATICA SINICA — CHINESE MATHEMATICS

## 数学学报

## TABLES OF CONTENTS FOR VOLUME SEVEN

Volume 15 (1965) Numbers 3-6 of the original

Volume 7 (1965) Numbers 1-4 of the translation

Number 1	Chinese page	Translation page
Gong Sheng* (Kung Sheng) 襲 昇		
Fourier analysis on unitary groups. V Spherical summability and Fourier		
integrals	(305)	1
Shi Zhong-ci (Shih Chung-tz'u) and Wang Bo-ying (Wang Po-ying) 石钟慈、王伯英 Bounds for the determinant, characteristic roots and condition number of		
certain types of matrices	(326)	21
Wang Zi-kun (Wang Tzu-k'un) 王梓坤		
On zero-one laws for Markov processes	(342)	41
W. 71 -: (W. Cl. L.: )		
Wan Zhe-xian (Wan Che-hsien)  — 方哲先  Studies in finite geometries and the construction of incomplete block designs. I		
Some "Anzahl" theorems in symplectic geometry over finite fields	(354)	55
	(3)4)	,,,
Wan Zhe-xian (Wan Che-hsien) 万哲先		
Studies in finite geometries and the construction of incomplete block designs. II		
Some PBIB designs based on symplectic geometry over finite fields	(362)	63
Lu Li-jiang (Lu Li-chiang) 鹿立江		
A uniqueness theorem for the first boundary value problems of linear		
elliptic and parabolic equations with discontinuous boundary values	(372)	74
Zhang Tong (Chang T'ung) and Guo Yu-fa (Kuo Yü-fa) 张 同、郭于法	(20()	90
A class of initial value problems for systems of aerodynamic equations	(386)	90
Xiao Xiu-zhi (Hsiao Hsiu-chih) 萧修治		
On a generalization of a theorem of Malmquist for a certain type of dif-		
ferential equations	(397)	102
Ju Nai-dan (Chu Nai-tan) 居乃旦		
The limit cycles and the global structure of integral curves of a class of		
nonlinear differential equations	(406)	112
Xie Ting-fan (Hsieh T'ing-fan) 謝庭潘	*	
On linear methods of approximation to continuous functions	(419)	126
Gong Sheng (Kung Sheng) and Sun Ji-guang (Sun Chi-kuang) 襲 昇、孙继广 Integrals of Cauchy type in several complex variables. I Integrals of		
Cauchy type on a hypersphere	(431)	138
to the sale		
Li Gen-dao (Li Ken-tao) 李根道	(444)	152
Conjugate classes of Cartan subalgebras in real semisimple Lie algebras	(444)	1)2

<sup>\*</sup> The names of Chinese authors are given in the Pinyin (New Latin) form, as of 1960, followed in parentheses by the Wade-Giles.

## Number 2

Yan Shi-jian (Yen Shih-chien)	(1==)	
Linear groups over a ring	(455)	163
Wang Si-lei (Wang Szu-lei) 王斯雷		
On the summability of the derived Fourier series	(469)	180
Chen Qing-yi (Ch'en Ch'ing-yi) 陈庆益		
On the classification of convolution equations	(476)	187
He Cheng-qi (He Ch'eng-ch'i) 何成奇		
A modular deviation theorem for quasiconformal mappings	(487)	201
Yang Zong-pan (Yang Tsung-p'an) 杨宗磐		
Some remarks on the Baire property. III	(495)	211
He Yu-zan (He Yü-tsan) 何育赞		
On algebroid functions and their derivatives. II	(500)	217
Wu Zhen-de (Wu Chen-te) and Xiong Jin-cheng (Hsiung Chin-ch'eng) 吳振德、熊金城		
On the singularities of mappings of a k-dimensional differentiable manifold into a (2k-N)-dimensional vector space	(511)	229
joid into a (2k-14 Faimenstonal vector space	()11)	44)
Wan Zhe-xian (Wan Che-hsien) and Yang Ben-fu (Yang Pen-fu) 万哲先、阳本傳 Studies in finite geometries and the construction of incomplete block		
designs. III Some "Anzahl" theorems in unitary geometry over finite		
fields and their applications	(533)	252
Dai Zong-duo (Tai Tsung-tuo) and Feng Xu-ning (Feng Hsü-ning)  載宗鐸、冯绪宁		
Studies in finite geometries and the construction of incomplete block designs. IV Some "Anzahl" theorems in orthogonal geometry over		
finite fields of characteristic \( \neq 2 \)	(545)	265
Wang Si-lei (Wang Szu-lei) 王斯雷		
On the absolute Nörlund summability of a Fourier series and its conju-		
gate series	(559)	281
Yang Zong-pan (Yang Tsung-p'an) and Dong Ke-cheng (Tung K'o-ch'eng)		
杨宗磐、董克诚		
Two theorems on lattice-ordered rings	(574)	296
Yang Jun-hui (Yang Chün-hui) 杨君辉		
On the automorphisms of the unitary groups over fields of characteristic 2	(582)	304
Chen Zhong-mu (Ch'en Chung-mu) 陈重穆		
Correction to my paper "An extension of Burnside's theorem"	(598)	321

	Chinese page	Translation page
Number 3		
Li Zhong (Li Chung) and Wen Guo-chun (Wen Kuo-ch'un) 李 忠、闻国椿 On the Riemann-Hilbert boundary value problem for elliptic systems of	(400)	
linear partial differential equations of the first order	(599)	323
Lu Ru-qian (Lu Ju-ch'ien) 精汝幹 Harmonic functions in a class of nonsymmetric transitive domains		339
Deng Shi-tao (Deng Shih-t'ao) and Li Qiao (Li Ch'iao) 邓诗涛、李 乔		
On the affine geometry of algebraic homogeneous spaces	(651)	378
Feng Xu-ning (Feng Hsü-ning) and Dai Zong-duo (Tai Tsung-tuo) 冯绪宁, 戴宗鐸 Studies in finite geometries and the construction of incomplete block designs. V Some "Anzahl" theorems in orthogonal geometry over		
finite fields of characteristic 2	(664)	392
Shi Shu-zhong (Shih Shu-chung)  Interpolation sequences for entire functions. III	(683)	411
Qin Jian-min (Ch'in Chien-min) 秦建民 On commutators in orthogonal groups	(708)	437
Chen Xi-ru (Ch'en Hsi-ju) 陈希孺 A limit theorem for rank-like statistics	(720)	450
Lu Ming-gao (Lu Ming-kao) and Chen Wen-de (Ch'en Wen-te)	.(731)	461
Number 4		
Jiang Li-shang (Chiang Li-shang) 姜礼尚		
Existence and differentiability of the solution of a two-phase Stefan problem for quasilinear parabolic equations	(749)	481
Li Zhong (Li Chung) and Wen Guo-chun (Wen Kuo-ch'un) 李 忠、闻国椿 The number of solutions of generalized Riemann-Hilbert boundary value problems	(765)	497
Gong Sheng (Kung Sheng) and Sun Ji-guang (Sun Chi-kuang)  Integrals of Cauchy type in several complex variables. II Integrals of Cauchy type in hyperbolic spaces of Lie spheres	(775)	509
Gong Sheng (Kung Sheng) and Sun Ji-guang (Sun Chi-kuang) 類 昇、孙继广 Integrals of Cauchy type in several complex variables. III Integrals of		
Cauchy type in hyperbolic spaces of matrices	(800)	535

Translation

Chinese

